WEBER RIVER WATERSHED IMPROVEMENTS

Lower Weber River Diversion

Gordan Creek, 4 foot vertical drop.

Strawberry Creek Culvert under I-84 near Provo.

WEBER RIVER WATERSHED IMPROVEMENT

Location:

Summit County, Utah

Species Benefitted:

Bonneville cutthroat trout, *Oncorhynchus clarki utah*

Habitat Benefit:

The Weber River project will protect native fishes and improve water use efficiency for water companies in the Weber River drainage. It will re-connect 17.5 total river miles and allow native trout and sucker species to pass one main stem diversion and two culvert barriers in two tributaries, Strawberry and Gordan Creeks.

Funding Partners:

Project partners include Trout Unlimited, Utah Division of Wildlife Resources and Utah Department of Transportation. The project is a unique partnership of Federal funding between the National Fish Passage Program and the NFHP Partnerships, Western Native Trout Initiative and the Desert Fish habitat partnership.

Funding

USFWS - $157,000

Partner Funding - $115,000

WEBER RIVER WATERSHED PROJECT

1. Lower Weber Diversion
    a. mainstem diversion that requires the fish ladder retrofit.
    b. We did receive fish passage funding for this project in the past.
    c. screens have been effective.
    d. The water users are supportive of the project, even though the finished product hasn't been what we all expected.
    e. Engineering currently designing fish ladder
    f. Plans are to move forward with installation this fall
2. Strawberry Creek
    a. Strawberry creek culvert passes under I-84 east of Provo.
    b. the Culvert is 10 feet wide with 5% slope.
    c. the Weber river is less than 100 feet away
    d. large numbers of Bonneville cutthroat collected under the culvert trying to move through culvert unsuccessfully
3. Gordan Creek
    a. Barrier is a 4 ½ foot vertical drop over concrete.
    b. Found fluvial fish below here trying unsuccessfully to negotiate this barrier.
    c. Upstream culverts were placed at a 5% grade and they are likely undersized
    d. Resident fish could not migrate through this culvert.